# **Crustaceans Fishing Discussion Group #1**

Convened by Sustainable Resources Group Int'l, Inc.

# October 7, 2003 9:00am – 12:00pm

# Honolulu International Airport Conference Room Inter-Island Terminal

**Meeting goal**: To clarify facts, address critical issues, and engage in some debate about crustaceans in the NWHI.

**Outcomes**: Clarification and highest degree of agreement possible on facts; highest degree of agreement possible on critical issues and ways to address them; identification of and discussion around differing points of view about crustaceans in the NWHI; and identification of which questions cannot be answered at this time and why.

#### **Agenda** (with examples of questions to be asked)

9:00-9:15am	Purpose, guidelines, and review of meeting agenda by facilitator Dee Dee Letts
9:15-9:30am	Overview of Sanctuary designation process and role of fishing discussion groups, by 'Aulani Wilhelm (NWHI Coral Reef Ecosystem Reserve)
9:30am-12:00pm	Facilitated discussion based on distributed set of talking points by Bruce Wilcox, Jennifer Stephenson and Dee Dee Letts
	Each of the topic areas listed below will be walked through using these bullets:
	<ul> <li>Establishment of level of agreement on facts</li> </ul>
	<ul> <li>Agreement on and development of a list of ideas to address critical issues</li> </ul>
	<ul> <li>Discussion defining differing points of view</li> </ul>
9:30-10:00am	Crustacean Fishery Background
	Biology and life history of the relevant NWHI crustaceans
	e.g. How do life history and population parameters differ between slipper and spiny lobsters?
	Brief history of the NWHI lobster fishery

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e.g., What are the known facts about exploitation of lobster in NWHI in

terms of harvesting pressure and lobster population levels?

# 10:00-10:45am Fisheries Science and Ecosystem Management

Key science/management challenges for the establishment of a Sanctuary e.g. What is the status of knowledge and data concerning potential important species interactions or associations of lobster with monk seal and bycatch species?

Possible ecosystem level interactions

e.g., Ecosystem-based management views resources as interrelated and part of the functional dynamics of whole ecosystems. What role do crustaceans play in ecosystems in Hawaii?

Lobster population dynamics: human and natural factors

e.g., What can reasonably can be concluded about the role of natural environmental variation versus harvesting in driving the recent lobster population fluctuation/decline?

10:45-11:00am I

Break

11:00am-12:00pm

# **Institutional and Management Aspects**

Management and jurisdictional challenges

e.g., What are the current rules, gaps, conflicts between agencies, and areas of jurisdictional overlap?

Institutional and social imitations of management

e.g., What are the gaps in science, their implications to management, and the potential for cooperation – among managers and scientists – toward filling these gaps for NWHI crustaceans?

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